

1 TTT TGA NAT GAA TTC CTT TGG GAA TTT CGT GAC ACT ATA GAA GGT AGC CCT GCA GGT ACC 60
 61 GGT CCG GAA TTC CCG GGT CGA CCC AGC CGT CCG GCC GGA CTA ACC AGC TCC TCC AGG CGC 120
 121 TGG GGG CCG GTG TGG CAG GAG GAA GCC CGA TCA GCC CCA GGC TGT GGA TGT GGG AGA AGG 180
 181 GCG AGC TCA GGG GGC CAT CAT GGG GTT CCC CCA GAG GCA ACC TGG CCT ATC AGG GCT GCT 240
 1 M G F P Q R Q P G L S G L L 14
 241 CCT CCT CGT GTG GGC ACT GGC CTG GCC CCT GGC TTG TAT GAG CTT GGA GCT GAT CCC CTA 300
 15 L L V W A L A W P L P C M S L E L I P Y 34
 301 CAC ACC ACA GAT AAC AGC TTG GGA CCT AGA AGG GAA GGT CAC AGC CAC GAT CTC GCT 360
 35 T P Q I T A W D L E G K V T A T T F S L 54
 361 GGA GCA GCC TCG CTG TGT CCT GGA CCG GCT TGC CCG CTT TGC CAG CAC CAT CTG GCT GGT 420
 55 E Q P R C V L D G L A G V A S T I W L V 74
 421 GGT GGC CTT CAG CAA CGC CTC CAG AGA CTT CCA GAA CCC ACA GAC GCG AGC TGA GAT CCC 480
 75 V A F S N A S R D F Q N P Q T R A E I P 94

FIG. 1A

481 AGC CTT CCC AGC GCT GCT GAC GGA GGG GCA CTA TAT GAC ACT GCC CCT GTC CCT GGA CCA 540
95 A F P R L L T E G H Y M T L P L S L D Q 114

541 GCT GCC CTG TCA GGA CCC CGC AGG CGG CAG GGA CGT CCC CTT GCT GCG GGT GGG CAA 600
115 L P C Q D P A G G G R D V P L L R V G N 134

601 TGA CCC CGG CTG CCT TGC TGA CCT CCT CCA GCC GCC CTA CTG CAA CAG CCC CCT CCC CAG 660
135 D P G C L A D L L Q P P Y C N S P L P S 154

661 CCC CGG ACC TTA CAG GGT GAA GTT CCT CCT GAT GGA CGC CAG GGG CTC ACC CCA GGC CCA 720
155 P G P Y R V K F L L M D A R G S P Q A E 174

721 GAC CAG GTG CTC CGA CCC CAT CGC TCT TCA CCA AGG GAA GTC GCC AGC CTC CAT CGA CAC 780
175 T R W S D P I A L H Q G K S P A S I D T 194

781 GTG GCC AGG GCG ACG CAG TGG TAT CAT CGT CAT CAC CTC CAT CCT CTC CTC CCT GGC 840
195 W P G R R S G G M I V I T S I L S S L A 214

841 CAG CCY CCT GCT GGC CTT CCT GGC AGC GTC CAC CSC ACG CTT CTC CAG CCT GTG GTG 900
215 S X L L L A F L A A S T X R F S S L W 234

FIG. 1B

901 GCC GGA GGA RGC CCC GGA GCA GCT GAG AAT TGG CTC CTT CAT GGG GAA GCG CTA CAT GAC 960
 235 P E E A P E Q L R I G S F M G K R Y M T 254

961 CCA CCA CAT CCC ACC CAG CGA AGC CGC CAC CCT GCC CGT GGR CTG TGA GCC TGG CCT GGA 1020
 255 H H I P P S E A A T L P V X C E P G L D 274

1021 CCC CCT CCC CAG CCT CAG CCC CTA GCC TGG CCC TTG TGG CTG GGG CGT GTG TGG CTG TGG 1080
 275 P L P S L S P * 281

1081 CCA GTG TGG GGG CAA GGA CGT GGT AGT TAT TCC CAG CCC CTG CAC CCT CCT CAC CCC 1140

1141 TGC CCA CAG TCC CAC TGA TGT AGG ACA GAT GTC AGG GTT CTA GAC GTC TTT GGT GCA AAA 1200

1201 AGG GGG TTT TAT TCA AGC ACA GGG ACA GGA CCC ATG GGC AGG GAG AGC GGC ACC GGG GTG 1260

1261 GTG AGG AGT GGC CCG TTA TAT ATA CTT TCG AGT TGG GAG GGC TTA GAG AGA GCG TAA GTC 1320

1321 TCT AAG GAA TTT TGG AAG CAA GGT CTC CAG GGT CCT GAG GGG GCT AGC TGT TGT TAG GAA 1380

1381 AAG GTC ATT TAT TAC TGT TTA GTA AAA ACT TTC ACG AGA AAA AAA AAA AAA AAA 1440

1441 AAA AAA AAA AAG GGC GGC C 1462

FIG. 1C